Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
Data File : BF139524.D
Acq On : 24 Sep 2024 17:07
Operator : RC/JU
Sample : P4149-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 17:29:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-8MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	53487	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	203421	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	115511	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	223761	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	129176	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	124848	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	251183	76.610	ng		0.00
7) Phenol-d6	6.504	99	343430	79.802	ng		0.00
23) Nitrobenzene-d5	7.439	82	227183	52.503	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	87721	71.332	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	429213	52.114	ng		0.00
79) Terphenyl-d14	12.980	244	442766	56.261	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	55415	42.127	ng		96
3) Pyridine	3.381	79	144988	49.992	ng		97
4) n-Nitrosodimethylamine	3.334	42	100672	40.048	ng	#	82
6) Aniline	6.540	93	155671	47.933	ng		99
8) 2-Chlorophenol	6.663	128	158120	46.850	ng		98
9) Benzaldehyde	6.422	77	24008	9.656	ng		99
10) Phenol	6.522	94	211696	48.298	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	150782	45.261	ng		100
12) 1,3-Dichlorobenzene	6.816	146	164365	42.822	ng		99
13) 1,4-Dichlorobenzene	6.892	146	169661	43.741	ng		98
14) 1,2-Dichlorobenzene	7.045	146	158110	43.139	ng		97
15) Benzyl Alcohol	7.016	79	146075	42.545	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	274926	53.549	ng		91
17) 2-Methylphenol	7.128	107	128015	47.740	ng		97
18) Hexachloroethane	7.387	117	61574	41.678	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	118855	46.606	ng		98
20) 3+4-Methylphenols	7.281	107	164816	45.052	ng	#	84
22) Acetophenone	7.281	105	222474	41.834	ng		99
24) Nitrobenzene	7.457	77	183711	41.251	ng		98
25) Isophorone	7.698	82	322344	47.104	ng		99
26) 2-Nitrophenol	7.775	139	83641	48.207	ng		92
27) 2,4-Dimethylphenol	7.810	122	129926m	56.769	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	183279	46.993	ng		98
29) 2,4-Dichlorophenol	8.016	162	134156	46.141	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	138858	40.989	ng		99
31) Naphthalene	8.181	128	473219	44.560	ng		100
32) Benzoic acid	7.892	122	40217	18.777	ng		90
33) 4-Chloroaniline	8.234	127	42631	13.122	ng		96
34) Hexachlorobutadiene	8.292	225	90946	39.515	ng		99
35) Caprolactam	8.586	113	42799m	47.853	ng		
36) 4-Chloro-3-methylphenol	8.716	107	152212	45.808	ng		96
37) 2-Methylnaphthalene	8.869	142	317423	47.090	ng		98
38) 1-Methylnaphthalene	8.969	142	292429	44.188	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	147246	43.012	ng		99
41) Hexachlorocyclopentadiene	9.022	237	138509	115.878	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	100916	45.310	ng		99

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44) 2,4,5-Trichlorophenol	9.192	196	101617	43.253	ng		98
46) 1,1'-Biphenyl	9.333	154	392679	44.188	ng		99
47) 2-Chloronaphthalene	9.357	162	289261	43.534	ng		99
48) 2-Nitroaniline	9.457	65	116057	46.960	ng		98
49) Acenaphthylene	9.775	152	489449	48.936	ng		99
50) Dimethylphthalate	9.633	163	351581	46.374	ng		100
51) 2,6-Dinitrotoluene	9.698	165	76803	45.729	ng		94
52) Acenaphthene	9.945	154	325382	46.612	ng		99
53) 3-Nitroaniline	9.869	138	65952	39.292	ng		91
54) 2,4-Dinitrophenol	9.975	184	54746	58.497	ng	#	84
55) Dibenzofuran	10.122	168	456181	46.886	ng		94
56) 4-Nitrophenol	10.033	139	125811	90.585	ng	#	80
57) 2,4-Dinitrotoluene	10.098	165	110333	48.658	ng		96
58) Fluorene	10.463	166	355017	44.721	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	86250	44.380	ng		95
60) Diethylphthalate	10.333	149	360371	46.061	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	170767	44.263	ng		96
62) 4-Nitroaniline	10.480	138	87006	47.495	ng		87
63) Azobenzene	10.616	77	382769	49.742	ng		92
65) 4,6-Dinitro-2-methylph...	10.510	198	42291	35.810	ng		89
66) n-Nitrosodiphenylamine	10.575	169	308980	47.230	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	100826	45.470	ng		97
68) Hexachlorobenzene	11.010	284	112169	43.102	ng		98
69) Atrazine	11.098	200	99061	63.605	ng		99
70) Pentachlorophenol	11.204	266	104023	66.615	ng		99
71) Phenanthrene	11.422	178	530221	49.115	ng		100
72) Anthracene	11.475	178	524710	49.712	ng		100
73) Carbazole	11.633	167	476590	47.177	ng		99
74) Di-n-butylphthalate	11.957	149	548349	48.727	ng		99
75) Fluoranthene	12.610	202	524839	45.524	ng		98
77) Benzidine	12.733	184	157879	85.307	ng		99
78) Pyrene	12.839	202	525997	47.423	ng		100
80) Butylbenzylphthalate	13.457	149	186761	49.469	ng		97
81) Benzo(a)anthracene	14.027	228	406851	47.548	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	99259	39.612	ng		98
83) Chrysene	14.063	228	371973	47.252	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	236641	49.272	ng		99
85) Di-n-octyl phthalate	14.627	149	386182	54.600	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	276388	37.230	ng		96
88) Benzo(b)fluoranthene	15.080	252	371759	48.281	ng		99
89) Benzo(k)fluoranthene	15.110	252	341724	48.134	ng		99
90) Benzo(a)pyrene	15.445	252	328112	51.381	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	227286	37.050	ng		98
92) Benzo(g,h,i)perylene	17.427	276	191446	31.519	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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